



National  
Aeronautics and  
Space  
Administration

EV088615355US

Patent Application

ARC-14710-1  
(NASA Case No.)

00727 U.S. PTO  
10/706478



## Letter Transmitting Patent Application

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

Transmitted herewith for filing is the Patent Application of:

Applicant:  
Inventor(s): Upender K. Kaul

Entitled: Enhanced Elliptic Grid Generation

Enclosed are:

<input checked="" type="checkbox"/> Specification and claims	<input checked="" type="checkbox"/> _____ sheets of drawing
<input checked="" type="checkbox"/> Declaration	<input checked="" type="checkbox"/> Power of Attorney
<input type="checkbox"/> Assignment of the invention to the National Aeronautics and Space Administration	
<input type="checkbox"/> License of the invention to the National Aeronautics and Space Administration	
<input type="checkbox"/> Application Data Sheet	
<input type="checkbox"/> Preliminary Amendment	
<input type="checkbox"/> Information Disclosure Statement	
<input checked="" type="checkbox"/> Nonpublication Request and Certification (PTO/SB/35 or equivalent)	
<input type="checkbox"/> International application under the PCT (see PCT/RO/101,XII checklist)	

The fee has been calculated as shown below:

CLAIMS FILED					
FOR (1)	NUMBER		RATE (4)	FEE (5)	
	PAID FOR (2)	EXTRA (3)			
TOTAL CLAIMS 8	20	= 0	X 18.00	=	\$0.00
INDEPENDENT CLAIMS 2	3	= 0	X 86.00	=	\$0.00
BASIC FEE (Minimum amount required)	-----				\$770.00
	TOTAL FILING FEE				\$770.00

Please charge our Deposit Account No. 14-0116 in the amount shown as the total filing fee. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

07 November 2003

(Date)

*John Schipper*

(Attorney of Record) (Reg. No.)

26,994

NOTE: This form is to be used when filing a new or original application.

NASA FORM 1556 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

EV 088615 355 US

PTO/SB/35 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Upender K. Kaul
Title	Enhanced Elliptic Grid Generation
Attorney Docket Number	ARC-14710-1

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

07 November 2003

Date

John F. Schipper

Signature

(650)604-0887

Telephone number

John F. Schipper 26,994

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

ARC-14710-1

PATENT

Express Mail Label No.: EV088615355US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re new application of: Upender K. Kaul

Filed: Herewith

## For: “Enhanced Elliptic Grid Generation”

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number: EV088615355US

Date of Deposit: November 7, 2003

I here by certify that the attached correspondence comprising:

One Return Post Card  
Certificate of Mailing (1 page)  
Transmittal Letter/Fee Sheet (1 page, in duplicate)  
Specification & Claims (15 pages, including abstract)  
Drawings (2 sheets, including figs. 1-3)  
Declaration/Power of Attorney (2 pages)  
Nonpublication Request (1 page)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vickie L. Kent

**name of person depositing in mail**

Vickie H. Kent 11/07/03  
signature date